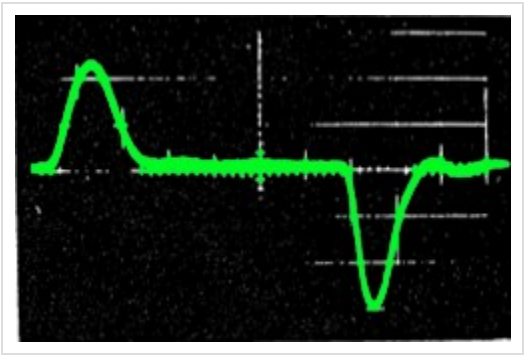
Do It Yourself Pulsed Electromagnetic Field

Build your own PEMF device, possibly for free

The Lilly Wave

Posted on **May 30, 2014**

John C. Lilly was a neuroscientist who invented the Lilly wave or the Lilly pulse, which is a balanced bidirectional pulse pair, which looks as follows.



This wave is useful because it does not damage brain tissue when an electric current is applied to the brain via electrodes. Using this waveform prevents both thermal and electrolytic damage. You can read more about the Lilly wave here: The Lilly Wave.

Also, what is somewhat controversial is that the Lilly wave is used in mind control because this waveform does not fatigue the brain or damage its tissues.

You can download the Lilly wave version of the PEMF frequencies described in the earlier blog postings in the following table.

DESCRIPTION	MP3 (.MP3)	ALAC (.M4A)	FLAC (.FLAC)
The Brain Wave Series	Download (17Mb)	Download (19Mb)	Download (8.1Mb)

The Earth Resonance Series	Download (15Mb)	Download (11Mb)	Download (5.8Mb)
Single Frequency Series	Download (1.4Mb)	Download (1.5Mb)	Download (967Kb)

[June 22, 2014] *If you downloaded any of these Lilly wave files before June 22, 2014, please download them again. The script I used to create the zip files installed the standard pulse wave frequencies, not the Lilly wave frequencies. These zip file have been corrected.*

This entry was posted in **Download** by **Prana Deva**. Bookmark the **permalink [https://diypemf.com/the-lilly-wave/]** .

17 THOUGHTS ON "THE LILLY WAVE"

Pingback: DIY Long Distance Rife Machines: QE-F, UDB1108S, Spooky and DIY GRS meter, Carmi Electronic Blanket, PEMF |

erin
on **June 7, 2014 at 7:08 am** said:

Wow, thank you for this site! I have been pining over a $4000 pemf device for half a year now. I can't believe I didn't even think to make one myself. Is there any advantage to fet a trifield meter over a gauss meter? Obviously it is more expensive. Thanks!

Prana Deva
on **June 7, 2014 at 11:56 am** said:

For this application, either one ought to work well. But for finding other sources of electrosmog or EMF pollution, the TriField meter shines, as it can also find electric field, radio and microwave pollution. The TriField does not go into the high frequency ranges of cell phones or wifi, but the company that makes that meter has one that can, and there are other players too. See http://www.lessemf.com

erin
on **November 2, 2014 at 8:01 pm** said:

What is the difference between a lioly and a pulse?

Prana Deva
on **November 4, 2014 at 10:49 pm** said:

Hi erin,
The Lilly wave is gentler than the pulse wave. The Lilly wave is a sine-like wave that is balanced, where as the pulse is a 5% duty cycle square wave, with positive offset. I like using the Lilly wave for sleep because it is gentle, however if I need something more powerful I use the pulse wave.

estebanvc
on **December 16, 2016 at 4:13 pm** said:

Hi, if the Lilly waves are generated with square pulses with 5% D.C How can I calculate the delay between positive and negative pulses? Thank you!!

estebanvc
on **December 16, 2016 at 4:54 pm** said:

Also the negative pulse seems to be less than 5% it's correct?

Prana Deva
on **December 16, 2016 at 6:13 pm** said:

The negative pulse has a larger amplitude than the positive pulse, but the area under the curve of the positive pulse and the negative pulse are the same. The ratio of the positive pulse to the negative pulse is 8 to 9.

Prana Deva
on **December 16, 2016 at 6:08 pm** said:

If you look at the source I listed in your previous comment, the delay is 2/3 of the period of the wave.

Pingback: A hidden tone In A Thumper | Siri Perera

estebanvc
on **December 16, 2016 at 3:05 pm** said:

Hello, thank you very much for all your research, right now I am very interested in the Lilly wave, my intention is to make a Lilly Wave generator on the Arduino platform to drive a transcranial current stimulation system. Would it be possible to know the programming code to generate such waveform?

Thanks and greetings from Mexico.

Prana Deva
on **December 16, 2016 at 6:05 pm** said:

Hi Esteban, I've copied the source onto Dropbox — https://www.dropbox.com/s/0lqvw4h64u2dblo/lillycsv.c?dl=0

estebanvc
on **December 16, 2016 at 11:48 pm** said:

Thank you Prana Deva, you helped me a lot, even better that the code it's in c.

JR
on **October 11, 2020 at 6:41 pm** said:

I was curious on the code of the Lilly Wave as well. The Dropbox link is empty now. May I please get a link to it?

Prana Deva
on **October 12, 2020 at 3:09 pm** said:

I am not making the code available at this time.

IntelliTrance
on **February 12, 2018 at 3:25 pm** said:

Thank you for this. I may have found a mind window frequency: 4.89 or 4.9 hz i seem to get images and information comming in when i use this wih strobe leds at my eyelids. Sine wave. I would love to create lilly waves. Can you teach me how? I have . simple function generator, as well as audacity. Thank you!
p.s. i have a schematic for a magnetic entrainment device you might like from bob beck

Prana Deva
on **February 18, 2018 at 4:45 pm** said:

You can create audio files with the Lilly wave using the tool found on the post called Create Rife Frequency Set, in the link labelled “Search Frequency Database”. You can choose the waveform for your audio file, where one of the choices is the Lilly Wave.